

Title (en)
Organic electrolyte batteries

Title (de)
Batterien mit organischem Elektrolyten

Title (fr)
Batteries à électrolyte organique

Publication
EP 0739046 B1 20000315 (EN)

Application
EP 95307009 A 19951003

Priority
JP 6076795 A 19950320

Abstract (en)
[origin: EP0739046A1] The present invention is to offer a general purpose organic electrolyte cell of high cost-performance, realizing long-period use and/or storage even in a high-temperature environment exceeding 150 DEG C, separating the positive (3) and the negative (2) electrodes by using a separator (4) made of porous synthetic resin sheet having a melting point of at least 170 DEG C, and by using a gasket (6) made mainly or singly of thermoplastic resin having a continuous usable temperature of at least 150 DEG C on which a sealant layer (8) made mainly of blown-asphalt is disposed. <IMAGE>

IPC 1-7
H01M 2/08; **H01M 2/02**; **H01M 2/16**; **H01M 10/40**

IPC 8 full level
H01M 4/48 (2010.01); **H01M 4/583** (2010.01); **H01M 4/587** (2010.01); **H01M 6/16** (2006.01); **H01M 10/05** (2010.01); **H01M 10/052** (2010.01); **H01M 10/0568** (2010.01); **H01M 10/0569** (2010.01); **H01M 10/36** (2010.01); **H01M 50/119** (2021.01); **H01M 50/186** (2021.01); **H01M 50/191** (2021.01); **H01M 50/193** (2021.01); **H01M 50/195** (2021.01); **H01M 50/197** (2021.01); **H01M 50/198** (2021.01); **H01M 50/414** (2021.01); **H01M 50/426** (2021.01); **H01M 50/489** (2021.01); **H01M 10/0525** (2010.01)

CPC (source: EP KR US)
H01M 10/05 (2013.01 - EP US); **H01M 10/052** (2013.01 - EP US); **H01M 10/24** (2013.01 - KR); **H01M 50/119** (2021.01 - EP KR US); **H01M 50/186** (2021.01 - EP KR US); **H01M 50/191** (2021.01 - EP KR US); **H01M 50/193** (2021.01 - EP KR US); **H01M 50/195** (2021.01 - EP KR US); **H01M 50/197** (2021.01 - EP KR US); **H01M 50/198** (2021.01 - EP KR US); **H01M 50/414** (2021.01 - EP KR US); **H01M 50/426** (2021.01 - EP KR US); **H01M 50/44** (2021.01 - EP US); **H01M 50/489** (2021.01 - EP KR US); **H01M 50/545** (2021.01 - EP US); **H01M 10/0525** (2013.01 - EP US); **H01M 10/0568** (2013.01 - EP US); **H01M 10/0569** (2013.01 - EP US); **H01M 2300/0025** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP)

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EP1320136A4; US7802796B2; US7640841B2; US8603411B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0739046 A1 19961023; **EP 0739046 B1 20000315**; DE 69515640 D1 20000420; DE 69515640 T2 20000706; JP 2004296447 A 20041021; JP 3708183 B2 20051019; JP 3985805 B2 20071003; JP H08321287 A 19961203; KR 100212227 B1 19990802; KR 960036184 A 19961028; US 5656392 A 19970812; US 5851693 A 19981222

DOCDB simple family (application)
EP 95307009 A 19951003; DE 69515640 T 19951003; JP 2004175146 A 20040614; JP 26123995 A 19951009; KR 19950046295 A 19951204; US 53809795 A 19951002; US 78808297 A 19970122